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A Christmas Greeting

Burrier & Schulte

Oregon, Mo.



Peters Family of Anti-Hog Cholera Serum Producers, First Serum Company in the World.

Hog Cholera Is Beginning to Break Out!

It Always Quickly Follows the Feeding of Green Corn. Are Your Hogs Protected?

If not, do not delay in vaccinating with Peters' trustworthy, tested Anti-Hog Cholera Serum. Manufactured under U. S. Government License No. 37.

We have a staff of experts and can send one out to vaccinate your hogs at once, or we can put the serum on the next train in your direction. Write for free booklets, the author of which was the pioneer producer of commercial serum.

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STARTS EASIER LASTS LONGER

A trial will convince you that it contains extra heat units, which means extra POWER, increased SPEED, more MILEAGE.

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The Best Burning Oil for Lamps,
Oil Heaters and Cook Stoves.

STANDARD OIL CO., (Ind.)

C. H. THOMPSON, Agent
Oregon, Mo.

NIGHT HAVE BEEN HOLT.

Iowa Man Wins Prize as Champion Corn Grower at Frisco Fair.

We mentioned in our issue last week, that John W. Gresham, of Bigelow, had won third prize on corn at the St. Joseph Farm Congress. We believe if a proper effort had been made on the part of the Holt county corn growers, that it would have been possible for Holt county to have won the prize at the San Francisco Fair, but as it was, the honor went to an Iowa farmer. They have no better soil, no more intelligent farmers, nor are climatic conditions superior there than here, but it seems they have some live wires among the farmers in Iowa, and among these was a Mr. Willard Zeller, of Green county, who won the first prize for the best bushel of corn at the Frisco Fair, and places him as the champion corn grower of the world. Our readers will doubtless be interested in reading the following article on how Mr. Zeller grew the premium corn:

Every farmer in the country, and especially those in this great agricultural section where corn is so prominent a product, will be interested in the experiments of Willard Zeller, a corn raiser of Green county, Iowa, who was "crowned" the champion corn grower of the world, at the San Francisco exposition just before it closed. Mr. Zeller received the gold medal for the best bushel of corn exhibited at the fair.

Commenting on the experiments described by Farm and Fireside, the Philadelphia North American says that if every acre planted in corn in this country last year had yielded one-half as much as the average acre yield on the Zeller farm the American corn yield would have been nearly doubled and would have exceeded by many millions the total corn yield of the entire world. The Zeller yield averaged eighty bushels to the acre, while the average yield of American farms is only twenty-six bushels. One of Zeller's test acres, specially tilled, produced 130 bushels. Zeller achieved these astonishing results by improving upon the methods introduced by Prof. Holden, of Ames, Iowa, who by a sort of modified "Burbanking" in the shape of seed selection added 50,000,000 bushels to the Iowa yield in one year.

The description of the Zeller methods by Farm and Fireside is so clear that it could not be improved by being either condensed or elaborated. It is therefore given in the words of that journal:

Mr. Zeller soon saw that it was not enough to have seeds which would grow. He started out for seeds that would produce the largest yield of the finest corn.

A germination test was made of a large number of ears, and from among them ten ears, all of which tested 100 per cent perfect and strong, were selected. Three hundred kernels from each of these ten ears were planted, and the corn from each ear was planted in a separate row.

The results were amazing. This seed corn had all tested alike and all appeared equally good, but when it was planted and cultivated under the same conditions it was found to be far from equal. All grades of quality were represented, the best ear yielding 118 bushels to the acre and the poorest yielding only thirty-seven bushels. This was a revelation to the Zeller family, and even this small amount of accurate information awakened their interest.

But they were not satisfied with one test. They were anxious to verify their experiments and planted corn from the same mother ears under similar conditions the next year. The results were also similar. The ear which was best the first year was best this year also, and produced a yield of 117 bushels, and the poorest ear was again poorest, with a yield of thirty-five bushels. At this stage they were satisfied that with results so nearly uniform there could be no accident about their investigations. It had been demonstrated that germination proved simply that the corn would grow, but was no sufficient test of the quality or yielding properties.

After a third year's trial, with results almost identical, experiments with the original mother ears were abandoned and twenty-eight ears raised during the second and third years were tried out by the ear-to-the-row method. This time there were two high-yielding ears, one of them producing 114 bushels and the other 106 bushels. Having developed several high-yielding ears, he crossed the two highest. The offspring of the ear producing 118 bushels, raised the first year, and the one producing 114 bushels, raised the third year, were then shelled together, and five acres were planted with this corn. On a measured acre the result was a yield of 141.6 bushels.

The theory of Mr. Zeller's method, reduced to a few words, is to make a long and careful series of experiments to work out the highest yielding ear, and then repeat the process, always crossing the strongest with the

strongest.

As the North American pertinently observes, a world's champion usually means one who has done something that no other person can do. But the corn champion's feat can be duplicated by anyone who does just what he did, and what he did is not beyond the ability of any intelligent and persistent farmer, who can with no insuperable difficulty at least double his yield of one of the greatest grain staples of the world.

—E. O. Phillips' Drug Store for a complete line of Xmas presents.

—Mrs. Ed Boyd, of Forest City, was in St. Joseph, Monday of this week.

—Born, to Samuel Gevin and wife, of Mound City, December 15, a boy baby.

—B. F. Lynch and little daughter, Reva, were in St. Joseph, Saturday last.

—Robert Montgomery and wife visited in St. Joseph, Saturday of last week.

—Attorney Frank Petree, had legal business in Savannah, Monday of this week.

—Do not fail to see the nice display of Holiday goods at Phillips' Drug Store.

—Chris Imboden, of Forbes, was in St. Joseph, the first of this week, on business.

—When the livery man can't accommodate you, call on S. P. Perkins, for livery and team work.

—You can find most anything you want suitable for a present, and prices right, at Phillips' Drug Store.

—Mrs. Lucy A. Petree is in St. Joseph for the Xmas period with her sons, Rev. Charles E. and Arthur.

—William Hulatt and son, of the Richmond school district, had business in St. Joseph, Monday of this week.

—County Clerk Daniel B. Kunkel and wife were visiting with relatives in St. Joseph, Monday of this week.

—Meyer Post will be the guest of its comrade, Daniel Kunkel, Sr., on Saturday, of next week, January 1, 1916.

—For Sale—Several Thoroughbred Short-Horn Bull calves. Call on or address, Ed Huntz, Maitland, Mo., route 2.

—Mrs. Lizzie Roeker, daughter, Mrs. B. G. Huey, and Mrs. L. I. Moore were in St. Joseph, Monday of this week.

—Mrs. Susan Russell and Mrs. W. W. Dawson and son, W. W. Jr., will visit with relatives in Kansas City, over Christmas.

—E. P. Eddy has returned from a visit with his son, Frank, who is in the employ of the Iden Biscuit Co., of Kansas City.

—Mrs. Harry Baker, wife of Harry Baker, of this city, died at the home of her mother in Skidmore, Mo., Sunday, December 19, from pneumonia. Obituary next week.

—Dr. W. S. Wood was called to Dawsonville, Nodaway county, last Sunday on professional business. He was accompanied by Robert Hatch. They went via the auto route.

—A carload of desirable presents will please the old and young at the Variety Store. We have a large force of affable clerks ready to wait on you.

—We are sorry to chronicle the fact that Mrs. John Meyer, of Mound City, had a fall recently that confined her to the house for a few days, but we are glad to announce that she is now able to be out again.

—We are sorry to learn that Fritz Voltmer, residing south of Corning, had a stroke of paralysis, Thursday, December 16, and is in a precarious condition. He is one of the old settlers of that section, and is now in his 70th year.

—Make every member of your household happy by getting a suitable present or two, for each and every one by buying at the Variety Store. We have had a splendid trade, and we still have an abundance to answer the demands.

—Will Seeman had the misfortune to break a bone in his right arm, between the wrist and elbow, while digging post holes, the fracture being caused by the jar from the handle of the digger. Well, we sympathize with Will, but at the same time, we did think he had more gumption than to dig post holes.

—Mrs. Sherman Kee, of Nickell's Grove district, who was taken to St. Joseph, last week, was operated upon for appendicitis at the Sisters' hospital in that city, December 15, is reported as getting along all right. She is a daughter of Chris Lenz and wife, of the Richville neighborhood. Her sister, Mrs. Claude Williams, of Mound City, was with her for a few days.

—The Forest City dance club gave one of their annual dances Friday evening last, at the Forest City hall. Quite a number attended the dance, a few being from Craig, Mound City, and Oregon, and report a most enjoyable time. Music was furnished for the occasion by Miss Grace Allison, of Paul P. Howell's St. Joseph orchestra, at the piano, and James Rootstock, of Oregon, at the traps.

"ALL A MISTAKE"

Will Be Given at the

ROYAL THEATRE

OREGON, MO..

THURSDAY EVENING, DEC. 30

by Forest City Home Talent

SYNOPSIS OF PLAY

ACT I.—The arrival of George and his bride. The dilemma a friend in need. The plot against the captain and its disastrous effect. The old maid and her secret. Ferdie in search of a wife. George's jealousy. The sudden appearance of a most undesirable party. George's quick wit prevents discovery.

ACT II.—The plot thickens. Cornelia in search of her "Romeo." Nell gets a letter which adds to the mystery. The downfall of Ferdie. Richard attempts to try the "soothing system" on a lunatic. George has a scheme connected with a fire in the furnace and some pitch tar. Richard runs amuck amid general confusion.

ACT III.—The Captain arms himself with a butcher knife and plans revenge. Richard attempts to escape. Nellie hopelessly insane. The comedy duel, "Romeo" at last. "Only One Nellie in the World." The unraveling of a skein of mystery and the finish of an exciting day, to find it was "All a Mistake."

Capt. Obadiah Skinner, A Retired Sea Captain Otto Stallard
Lieut. George Richmond, His Nephew Howard Teare
Richard Hamilton, A Country Gentleman George Brodbeck
Ferdinand Lighthelm, A Neighbor Dude Frank Mills
Nellie Richmond, George's Wife Ruth Campbell
Nellie Huntington, A Friend Averlie Tibbels
Cornelia (Nellie) Skinner, Obadiah's Sister Kate Brodbeck
Nellie McIntyre, A Servant Julia Martin

Bargain Day Rates

Until January 8, 1916,
we offer

The Sentinel and the
St. Joseph Daily Gazette, \$3.00
(without Sunday) for

The Sentinel and Daily
Gazette, (including Sunday) for \$3.50

Cash must accompany all orders.

THE SENTINEL

UNIVERSITY OF MISSOURI

Agricultural Experiment Station
No. 86

CERTIFICATE OF NURSERY INSPECTION

This is to Certify That in accordance with the Nursery Inspection Act passed by the Forty-seventh General Assembly, the nursery stock of the Murray Nurseries, grown at Oregon, Holt County, Missouri, was inspected on 20 July, 1915, by a duly authorized inspector and found apparently free from dangerously injurious insects or plant diseases.

Valid until July 1, 1916, unless sooner revoked.
J. H. SHEPHERD, JR., by A. H. H., Deputy Inspector.

We offer our patrons only the highest grade of fruit trees and general nursery stock, fully guaranteed true to name. You are playing safe and saving money at the same time when you deal with your home nursery. Let us send you our 1916 price list. We are here to serve our patrons in every way that we can—by replacing stock at half catalogue prices, giving advice when desired, and guaranteeing satisfaction. Let us hear from you, friends.

MURRAY NURSERIES,
GEO. R. MURRAY, Prop'r.

OREGON.

MISSOURI.

Land Loans and Insurance

I am still in the Vanhookirk building and will be pleased to have you call and see me. Still write Fire, Lightning, Wind, Accident and Life Insurance. Have a nice line of Good Farms and Town Property, and have just made arrangements with one of the largest loan companies, doing business in the state, for 5 per cent money on farms. Come in.

W. E. KEOWN